

Title (en)

RESIN COMPOSITION FOR OPTICAL MEMBERS, OPTICAL MEMBER AND EYEGLOSS LENS

Title (de)

HARZZUSAMMENSETZUNG FÜR OPTISCHE ELEMENTE, OPTISCHES ELEMENT UND BRILLENLINSE

Title (fr)

COMPOSITION DE RÉSINE DESTINÉE À DES ÉLÉMENTS OPTIQUES, ÉLÉMENT OPTIQUE ET LENTILLE

Publication

EP 3950757 A1 20220209 (EN)

Application

EP 20778832 A 20200327

Priority

- JP 2019063806 A 20190328
- JP 2020014088 W 20200327

Abstract (en)

Provided is a polymerizable composition for optical components, which can prevent the occurrence of coloring while keeping the required strength for optical components when an optical component is produced using the polymerizable composition for optical components. The polymerizable composition for optical components according to the present embodiment includes a polyisocyanate compound (A) and a polythiol compound (B1) and has an equivalent ratio (A/B1) of 80/100 to 95/100, wherein the equivalent ratio (A/B1) represents a ratio of an equivalent A of the polyisocyanate compound (A) calculated using the molecular weight and the functional group number of the polyisocyanate compound (A) to an equivalent B1 of the polythiol compound (B1) calculated using the molecular weight and the functional group number of the polythiol compound (B1).

IPC 8 full level

C08G 18/38 (2006.01); **G02B 1/04** (2006.01); **G02C 7/00** (2006.01)

CPC (source: EP KR US)

C08G 18/3876 (2013.01 - EP KR US); **C08G 18/757** (2013.01 - EP); **C08G 18/758** (2013.01 - EP); **C08G 18/7642** (2013.01 - EP US); **G02B 1/041** (2013.01 - KR US); **G02C 7/02** (2013.01 - EP KR US)

C-Set (source: EP)

G02B 1/041 + C08L 75/04 + C08L 81/00

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3950757 A1 20220209; **EP 3950757 A4 20221214**; CN 113631612 A 20211109; CN 113631612 B 20240315; JP 2020164574 A 20201008; JP 7296755 B2 20230623; KR 20210132693 A 20211104; US 2022185944 A1 20220616; WO 2020196847 A1 20201001

DOCDB simple family (application)

EP 20778832 A 20200327; CN 202080024477 A 20200327; JP 2019063806 A 20190328; JP 2020014088 W 20200327; KR 20217030736 A 20200327; US 202017598092 A 20200327